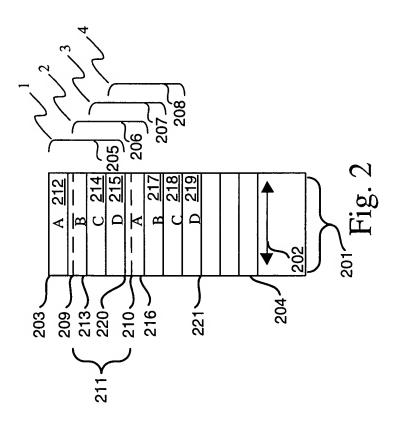


## ROBERT ELLIOTT ROBOTHAM METHOD AND APPARATUS FOR ACCESSING DATA SEGMENTS HAVING ARBITRARY ALIGNMENT WITH THE MEMORY STRUCTURE IN WHICH THEY ARE STORED

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DEFINING A MEMORY ACCESS QUANTA SIZE BY DIVIDING T BY n, WHERE n = NUMBER OF QUANTA = INT ((T/(T-L+1))+1), WHERE T= TOTAL MEMORY BANDWIDTH AND L = AMOUNT OF DATA NEEDED

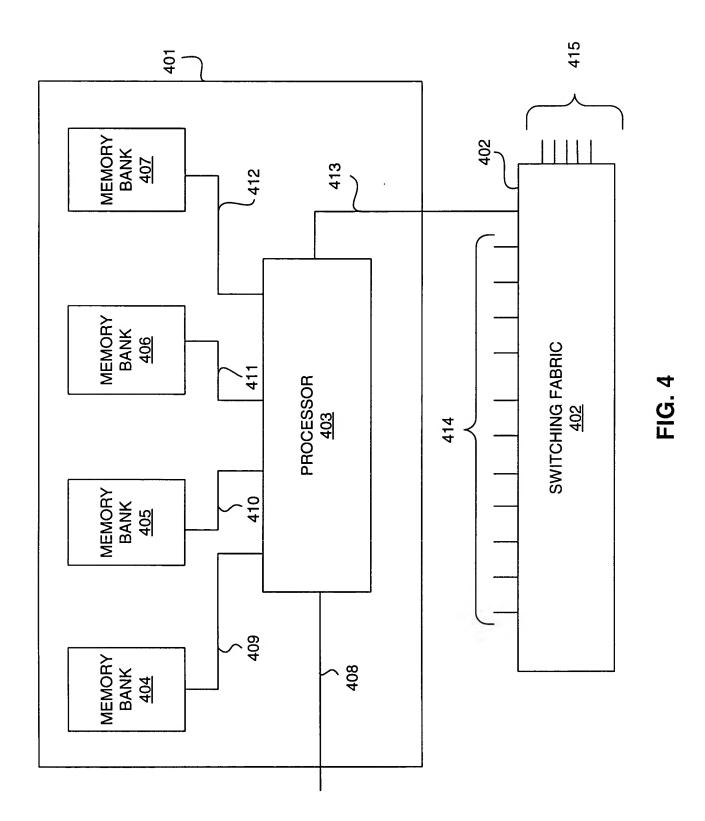
<u>301</u>

ACCESSING THE MEMORY TO RETRIEVE THE TOTAL
MEMORY BANDWIDTH (I.E., BURST SIZE) STARTING AT THE
BEGINNING OF THE QUANTUM IN WHICH THE BEGINNING
OF THE DESIRED DATA IS LOCATED

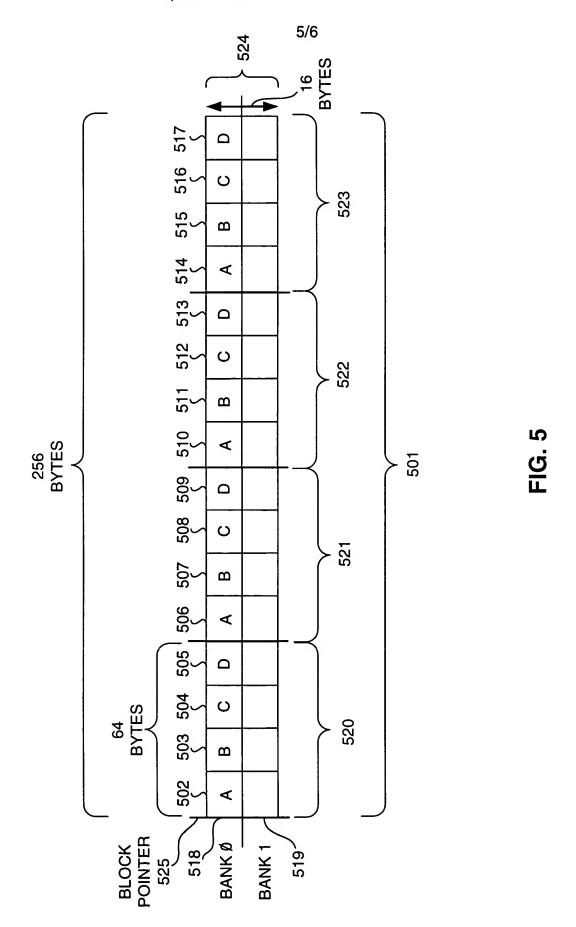
302

FIG. 3





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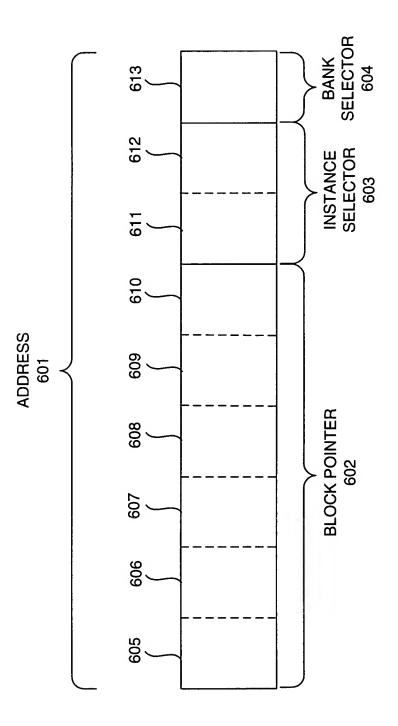


FIG. 6